## In the claims:

1. (original) An optical recording medium comprising a substrate, a recording layer and optionally one or more reflecting layers, wherein the recording layer comprises a compound of formula

(I) or a tautomeric or mesomeric form thereof,

## wherein

 $G_1$  and  $G_2$  are each independently of the other  $C(R_5)$  or N;

M<sub>1</sub> is a lanthanide or transition metal of groups 4 to 10;

P is a phthalocyanino diradical;

Q<sub>1</sub> and Q<sub>2</sub> are each independently of the other O or S,

 $R_1$  and  $R_2$  are each independently of the other  $C_1$ - $C_{12}$ alkyl,  $C_3$ - $C_{12}$ cycloalkyl,  $C_2$ - $C_{12}$ alkenyl or  $C_3$ - $C_{12}$ cycloalkenyl each unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_6$ , or  $C_6$ - $C_{10}$ aryl,  $C_1$ - $C_9$ heteroaryl,  $C_7$ - $C_{12}$ aralkyl or  $C_2$ - $C_{12}$ heteroaralkyl each unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_7$ ;

 $R_3$  and  $R_4$  are each independently of the other hydrogen, hydroxy, S-R<sub>8</sub>, O-R<sub>8</sub>, O-CO-R<sub>8</sub>, OCOOR<sub>8</sub>, NH<sub>2</sub>, NH-R<sub>8</sub>, NR<sub>8</sub>R<sub>9</sub>, NHCOR<sub>8</sub>, NR<sub>8</sub>COR<sub>10</sub>, NHCOOR<sub>8</sub>, NR<sub>8</sub>COOR<sub>10</sub>, ureido, NR<sub>8</sub>-CO-NHR<sub>10</sub>, or C<sub>1</sub>-C<sub>12</sub>alkyl, C<sub>3</sub>-C<sub>12</sub>cycloalkyl, C<sub>2</sub>-C<sub>12</sub>alkenyl or C<sub>3</sub>-C<sub>12</sub>cycloalkenyl each unsubstituted or substituted by one or more, where applicable identical or different, radicals R<sub>6</sub>, or C<sub>6</sub>-C<sub>10</sub>aryl, C<sub>1</sub>-C<sub>9</sub>heteroaryl, C<sub>7</sub>-C<sub>12</sub>aralkyl or C<sub>2</sub>-C<sub>12</sub>heteroaralkyl each unsubstituted or substituted by one or more, where applicable identical or different, radicals R<sub>7</sub>;

each  $R_5$ , independently of any other  $R_5$ , is hydrogen, or  $C_1$ - $C_{12}$ alkyl,  $C_3$ - $C_{12}$ cycloalkyl,  $C_2$ - $C_{12}$ alkenyl or  $C_3$ - $C_{12}$ cycloalkenyl each unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_6$ , or  $C_6$ - $C_{10}$ aryl,  $C_1$ - $C_9$ heteroaryl,  $C_7$ - $C_{12}$ aralkyl or  $C_2$ - $C_{12}$ heteroaralkyl each unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_7$ ;

wherein  $R_1$  and  $R_2$ ,  $R_2$  and  $R_3$ ,  $R_3$  and  $R_4$  or  $R_1$  and  $R_4$  can be linked by a bonding member, or two of  $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  can each be linked by a bonding member to one of the two other  $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  to form pairs, and each bonding member is a direct bond or a bridge O, S or  $N(R_8)$ ; or  $R_1$  forms with  $R_5$  of  $G_1$  and/or  $R_3$  forms with  $R_5$  of  $G_2$  a saturated, mono- or poly-unsaturated or aromatic 5- or 6-membered ring which may optionally contain 1, 2 or 3 identical or different hetero atoms -O-, -S-, -N= or -N( $R_8$ )-, which ring is unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_7$ ; and/or

 $R_2$  forms with  $R_5$  of  $G_1$  and/or  $R_4$  forms with  $R_5$  of  $G_2$  a saturated or mono- or poly-unsaturated 5- or 6-membered ring which may optionally contain 1, 2 or 3 identical or different hetero atoms -O-, -S-, -N= or -N( $R_8$ )-, which ring is unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_6$ ;

 $R_6$  is halogen, hydroxy, O-R<sub>11</sub>, O-CO-R<sub>11</sub>, oxo, S-R<sub>11</sub>, thioxo, NH<sub>2</sub>, NH-R<sub>11</sub>, NR<sub>11</sub>R<sub>12</sub>, NH<sub>3</sub><sup>+</sup>, NH<sub>2</sub>R<sub>11</sub><sup>+</sup>, NHR<sub>11</sub>R<sub>12</sub><sup>+</sup>, NR<sub>11</sub>R<sub>12</sub>R<sub>13</sub><sup>+</sup>, NR<sub>11</sub>-CO-R<sub>13</sub>, NR<sub>11</sub>COOR<sub>13</sub>, cyano, formyl, COO-R<sub>11</sub>, carboxy, carbamoyl, CONH-R<sub>11</sub>, CONR<sub>11</sub>R<sub>12</sub>, ureido, NH-CO-NHR<sub>13</sub>, NR<sub>11</sub>-CO-NHR<sub>13</sub>, phosphato, P(=O)R<sub>11</sub>R<sub>13</sub>, POR<sub>11</sub>OR<sub>13</sub>, OPR<sub>11</sub>OR<sub>13</sub>, OPR<sub>11</sub>OR<sub>13</sub>, P(=O)R<sub>11</sub>OR<sub>13</sub>, P(=O)OR<sub>11</sub>OR<sub>13</sub>, OP(=O)R<sub>11</sub>OR<sub>13</sub>, OP(=O)R<sub>11</sub>OR<sub>13</sub>, OP(=O)OR<sub>11</sub>OR<sub>13</sub>, OPO<sub>3</sub>R<sub>11</sub>, SO<sub>2</sub>R<sub>11</sub>, sulfato, sulfo, R<sub>14</sub>, N=N-R<sub>14</sub>, or C<sub>1</sub>-C<sub>8</sub>alkoxy or C<sub>3</sub>-C<sub>8</sub>cycloalkoxy each unsubstituted or mono- or poly-substituted by halogen;

 $R_7$ , independently of any other  $R_7$ , is  $R_{15}$ , halogen, nitro, cyano, thiocyano, hydroxy, S-R<sub>8</sub>, O-R<sub>8</sub>, O-CO-R<sub>8</sub>, OCOOR<sub>8</sub>, NH<sub>2</sub>, NH-R<sub>8</sub>, NR<sub>8</sub>R<sub>9</sub>, NHCOR<sub>8</sub>, NR<sub>8</sub>COR<sub>10</sub>, NHCOOR<sub>8</sub>, NR<sub>8</sub>COOR<sub>10</sub>, ureido, NR<sub>8</sub>-CO-NHR<sub>10</sub>, NH<sub>3</sub><sup>+</sup>, NH<sub>2</sub>R<sub>8</sub><sup>+</sup>, NHR<sub>8</sub>R<sub>9</sub><sup>+</sup>, NR<sub>8</sub>R<sub>9</sub>R<sub>10</sub><sup>+</sup>, N=N-R<sub>15</sub>, N=CR<sub>8</sub>R<sub>9</sub>, N=CR<sub>16</sub>R<sub>17</sub>, C(R<sub>18</sub>)=NR<sub>8</sub>, C(R<sub>18</sub>)=NR<sub>16</sub>, C(R<sub>18</sub>)=CR<sub>16</sub>R<sub>17</sub>, CHO, CHOR<sub>8</sub>OR<sub>10</sub>, COR<sub>9</sub>, CR<sub>9</sub>OR<sub>8</sub>OR<sub>10</sub>, CONH<sub>2</sub>, CONHR<sub>8</sub>, CONR<sub>8</sub>R<sub>9</sub>, SO<sub>2</sub>R<sub>8</sub>, SO<sub>3</sub>R<sub>8</sub>, SO<sub>2</sub>NH<sub>2</sub>, SO<sub>2</sub>NHR<sub>8</sub>, SO<sub>2</sub>NR<sub>8</sub>R<sub>9</sub>, COOH, COOR<sub>8</sub>, B(OH)<sub>2</sub>, B(OH)(OR<sub>8</sub>), B(OR<sub>8</sub>)OR<sub>10</sub>, phosphato, P(=O)R<sub>8</sub>R<sub>10</sub>, POR<sub>8</sub>OR<sub>10</sub>, P(=O)R<sub>8</sub>OR<sub>10</sub>, P(=O)OR<sub>8</sub>OR<sub>10</sub>, OPR<sub>8</sub>OR<sub>10</sub>, OPR<sub>8</sub>OR<sub>10</sub>, OP(=O)OR<sub>8</sub>OR<sub>10</sub>, OP(=O)OR<sub>8</sub>OR<sub>10</sub>, OP(=O)OR<sub>8</sub>OR<sub>10</sub>, OPO<sub>3</sub>R<sub>8</sub>, sulfato, sulfo, or C<sub>1</sub>-C<sub>5</sub>alkyl, C<sub>3</sub>-C<sub>6</sub>cycloalkyl, C<sub>1</sub>-C<sub>5</sub>alkylthio, C<sub>3</sub>-C<sub>6</sub>cycloalkylthio, C<sub>1</sub>-C<sub>5</sub>alkoxy or C<sub>3</sub>-C<sub>6</sub>cycloalkoxy each unsubstituted or substituted by one or more, where applicable identical or different, radicals R<sub>6</sub>;

 $R_8$ ,  $R_9$  and  $R_{10}$  are each independently of the others  $R_{15}$ ,  $R_{19}$ -[O-C<sub>1</sub>-C<sub>4</sub>alkylene]<sub>m</sub>,  $R_{19}$ -[NH-C<sub>1</sub>-C<sub>4</sub>alkylene]<sub>m</sub>, or C<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>3</sub>-C<sub>8</sub>cycloalkyl, C<sub>2</sub>-C<sub>8</sub>alkenyl or C<sub>3</sub>-C<sub>8</sub>cycloalkenyl each unsubstituted or substituted by one or more, where applicable identical or different, halogen, hydroxy, C<sub>1</sub>-C<sub>5</sub>alkoxy or C<sub>3</sub>-C<sub>6</sub>cycloalkoxy radicals; or

 $R_8$  and  $R_9$  together with the common nitrogen are pyrrolidine, piperidine, piperazine or morpholine, each of which is unsubstituted or mono- to tetra-substituted by  $C_1$ - $C_4$ alkyl; or  $R_8$  and  $R_{10}$  together are  $C_2$ - $C_8$ alkylene,  $C_3$ - $C_8$ cycloalkylene,  $C_2$ - $C_8$ alkenylene or  $C_3$ - $C_8$ cycloalkenylene, each of which is unsubstituted or substituted by one or more, where applicable identical or different, halogen, hydroxy,  $C_1$ - $C_5$ alkoxy or  $C_3$ - $C_6$ cycloalkoxy radicals;

 $R_{11}$ ,  $R_{12}$  and  $R_{13}$  are each independently of the others  $C_1$ - $C_8$ alkyl,  $C_3$ - $C_8$ cycloalkyl,  $C_2$ - $C_8$ alkenyl,  $C_3$ - $C_8$ cycloalkenyl,  $R_{19}$ -[O- $C_1$ - $C_4$ alkylene]<sub>m</sub>,  $R_{19}$ -[NH- $C_1$ - $C_4$ alkylene]<sub>m</sub>,  $C_6$ - $C_{10}$ aryl,  $C_4$ - $C_9$ heteroaryl,  $C_7$ - $C_{10}$ aralkyl or  $C_5$ - $C_9$ heteroaralkyl; or

R<sub>11</sub> and R<sub>12</sub> together with the common nitrogen are pyrrolidine, piperidine, piperazine or morpholine, each of which is unsubstituted or mono- to tetra-substituted by C₁-C₄alkyl;

 $R_{14}$  is  $C_6$ - $C_{12}$ aryl,  $C_4$ - $C_{12}$ heteroaryl,  $C_7$ - $C_{12}$ aralkyl or  $C_5$ - $C_{12}$ heteroaralkyl, each of which is unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_7$ ;

 $R_{15}$  is phenyl,  $C_4$ - $C_5$ heteroaryl,  $C_7$ - $C_8$ aralkyl or  $C_5$ - $C_7$ heteroaralkyl, each of which is unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_{20}$ ;

 $R_{16}$  and  $R_{17}$  are each independently of the other  $NR_{11}R_{12}$ , CN,  $CONH_2$ ,  $CONHR_8$ ,  $CONR_8R_9$  or  $COOR_9$ ;

 $R_{18}$  is  $R_{15}$ , hydrogen, cyano, hydroxy,  $C_1$ - $C_{12}$ alkoxy,  $C_3$ - $C_{12}$ cycloalkoxy,  $C_1$ - $C_{12}$ alkylthio,  $C_3$ - $C_{12}$ cycloalkylthio, amino, NHR<sub>13</sub>, NR<sub>11</sub>R<sub>12</sub>, halogen, nitro, formyl, COO- $R_{11}$ , carboxy, carbamoyl, CONH- $R_{11}$ , CONR<sub>11</sub>R<sub>12</sub>, or  $C_1$ - $C_8$ alkyl,  $C_3$ - $C_8$ cycloalkyl,  $C_2$ - $C_8$ alkenyl or  $C_3$ - $C_8$ cycloalkenyl each unsubstituted or substituted by one or more, where applicable identical or different, halogen, hydroxy,  $C_1$ - $C_5$ alkoxy or  $C_3$ - $C_6$ cycloalkoxy radicals; or

R<sub>8</sub> and R<sub>18</sub> together are C<sub>2</sub>-C<sub>8</sub>alkylene, C<sub>3</sub>-C<sub>8</sub>cycloalkylene, C<sub>2</sub>-C<sub>8</sub>alkenylene or C<sub>3</sub>-C<sub>8</sub>cycloalkenylene, each of which is unsubstituted or substituted by one or more, where applicable identical or different, halogen, hydroxy, C<sub>1</sub>-C<sub>5</sub>alkoxy or C<sub>3</sub>-C<sub>6</sub>cycloalkoxy radicals;

R<sub>19</sub> is hydrogen, C<sub>1</sub>-C<sub>4</sub>alkyl or C<sub>1</sub>-C<sub>3</sub>alkylcarbonyl;

 $R_{20}$  is nitro,  $SO_2NHR_{11}$ ,  $SO_2NR_{11}R_{12}$ , or  $C_1$ - $C_8$ alkyl,  $C_3$ - $C_8$ cycloalkyl,  $C_1$ - $C_8$ alkylthio,  $C_3$ - $C_8$ cycloalkylthio,  $C_1$ - $C_8$ alkoxy or  $C_3$ - $C_8$ cycloalkoxy each unsubstituted or substituted by one or more, where applicable identical or different, halogen, hydroxy,  $C_1$ - $C_5$ alkoxy or  $C_3$ - $C_6$ cycloalkoxy radicals; and

m is a number from 1 to 4.

2. (currently amended) An optical recording medium according to claim 1, wherein  $G_1$  and  $G_2$  are each independently of the other  $C(R_5)$ ;

M₁ is a lanthanide or transition metal of groups 4 to 7;, especially Ti, Zr or Hf, more especially Zr;

$$Z_{4}$$
 $Z_{4}$ 
 $Z_{1}$ 
 $Z_{4}$ 
 $Z_{1}$ 
 $Z_{1}$ 
 $Z_{2}$ 
 $Z_{4}$ 
 $Z_{1}$ 
 $Z_{1}$ 
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 $Z_{4}$ 
 $Z_{4}$ 
 $Z_{5}$ 
 $Z_{6}$ 
 $Z_{7}$ 
 $Z_{8}$ 
 $Z_{6}$ 
 $Z_{7}$ 

(P) is a phthalocyanino diradical of formula

, wherein  $A_1$  to  $A_8$  and  $Z_1$  to

 $Z_8$  are all independently of one another N or  $CR_{24}$ , and each  $R_{24}$  independently of the other  $R_{24}$  is H or

 $R_7$ ; or two adjacent  $R_{24}$  together are 1,4-buta-1,3-dienylene,

unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_7$  and wherein 1 or 2 carbon(s) may have been replaced by nitrogen; and

Q<sub>1</sub> and Q<sub>2</sub> are O;

 $R_3$  and  $R_4$  are each independently of the other hydrogen, hydroxy, S-R<sub>8</sub>, O-R<sub>8</sub>, NH<sub>2</sub>, NH-R<sub>8</sub>, NR<sub>8</sub>R<sub>9</sub>;  $C_1$ -C<sub>8</sub>alkyl,  $C_3$ -C<sub>8</sub>cycloalkyl,  $C_2$ -C<sub>8</sub>alkenyl or  $C_3$ -C<sub>8</sub>cycloalkenyl each unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_6$ ; or  $C_6$ -C<sub>10</sub>aryl or  $C_1$ -C<sub>9</sub>heteroaryl each unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_7$ ;

 $R_5$  is hydrogen or forms a 5- or 6-membered ring with  $R_1$  or  $R_2$ ;

R<sub>6</sub> is halogen, hydroxy, O-R<sub>11</sub>, O-CO-R<sub>11</sub>, oxo, NH<sub>2</sub>, NH-R<sub>11</sub>, NR<sub>11</sub>R<sub>12</sub>, or C<sub>1</sub>-C<sub>4</sub>alkoxy unsubstituted or mono- or poly-substituted by halogen;

and

R<sub>7</sub> is halogen, nitro, cyano, thiocyano, S-R<sub>8</sub>, O-R<sub>8</sub>, NH<sub>2</sub>, NH-R<sub>8</sub>, NR<sub>8</sub>R<sub>9</sub>, NHCOR<sub>8</sub>, N=CR<sub>8</sub>R<sub>9</sub>, N=CR<sub>16</sub>R<sub>17</sub>, CHO, CHOR<sub>8</sub>OR<sub>10</sub>, COR<sub>9</sub>, CONR<sub>8</sub>R<sub>9</sub>, SO<sub>2</sub>R<sub>8</sub>, COOR<sub>8</sub>, or C<sub>1</sub>-C<sub>5</sub>alkyl or C<sub>1</sub>-C<sub>5</sub>alkoxy each unsubstituted or substituted by one or more, where applicable identical or different, radicals R<sub>6</sub>.

3. (currently amended) An optical recording medium according to claim 1, or 2, wherein  $G_1$  and  $G_2$  are each independently of the other  $C(R_5)$ ;

M<sub>1</sub> is Ti, Zr or Hf; , more especially-Zr;

P is a phthalocyanino diradical of formula

$$R_{26}$$
  $R_{27}$   $R_{28}$   $R_{39}$   $R_{30}$   $R_{38}$   $R_{37}$   $R_{36}$   $R_{34}$   $R_{32}$   $R_{34}$   $R_{35}$   $R_{34}$   $R_{34}$   $R_{35}$   $R_{34}$   $R_{34}$   $R_{35}$   $R_{34}$   $R_{35}$   $R_{34}$   $R_{35}$ 

wherein  $R_{25}$  to  $R_{40}$  are all independently of one another H, halogen, O-R<sub>8</sub>, S-R<sub>8</sub>, O-CO-R<sub>8</sub>, NH-R<sub>8</sub>, NR<sub>8</sub>R<sub>9</sub>, CH<sub>2</sub>OR<sub>11</sub>, CH<sub>2</sub>NR<sub>11</sub>R<sub>12</sub>, C(R<sub>18</sub>)=CR<sub>16</sub>R<sub>17</sub>, CHO, CHOR<sub>8</sub>OR<sub>10</sub>, C(R<sub>18</sub>)=NR<sub>8</sub>, COR<sub>9</sub>, CR<sub>9</sub>OR<sub>8</sub>OR<sub>10</sub>, CN, COOH, COOR<sub>8</sub>, CONH<sub>2</sub>, CONHR<sub>8</sub>, CONR<sub>8</sub>R<sub>9</sub>, SO<sub>2</sub>R<sub>8</sub>, SO<sub>2</sub>NH<sub>2</sub>, SO<sub>2</sub>NHR<sub>8</sub>, SO<sub>2</sub>NR<sub>8</sub>R<sub>9</sub>, SO<sub>3</sub>R<sub>8</sub>, SiR<sub>8</sub>R<sub>9</sub>R<sub>10</sub>, POR<sub>8</sub>OR<sub>10</sub>, P(=O)R<sub>8</sub>OR<sub>10</sub>, P(=O)OR<sub>8</sub>OR<sub>10</sub>, P(=O)(NH<sub>2</sub>)<sub>2</sub>, P(=O)(NHR<sub>8</sub>)<sub>2</sub>, P(=O)(NR<sub>8</sub>R<sub>9</sub>)<sub>2</sub>, OPR<sub>8</sub>R<sub>10</sub>, OPR<sub>8</sub>OR<sub>10</sub>, OP(=O)R<sub>8</sub>OR<sub>10</sub>, OP(=O)OR<sub>8</sub>OR<sub>10</sub> or OPO<sub>3</sub>R<sub>8</sub>, more especially H, halogen, O-R<sub>8</sub>, O-CO-R<sub>8</sub>, NH-R<sub>8</sub>, NR<sub>8</sub>R<sub>9</sub>, CH<sub>2</sub>OR<sub>11</sub> or CH<sub>2</sub>NR<sub>11</sub>R<sub>12</sub>; and also Q<sub>1</sub> and Q<sub>2</sub> are O;

 $R_1$  and  $R_2$  are each independently of the other  $C_1$ - $C_5$ alkyl or  $C_2$ - $C_5$ alkenyl, each of which is unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_6$ , or phenyl or  $C_2$ - $C_5$ heteroaryl, each of which is unsubstituted or substituted by one or more, where applicable identical or different, radicals  $R_7$ ;

 $R_3$  and  $R_4$  are each independently of the other hydrogen, hydroxy, S-R<sub>8</sub>, O-R<sub>8</sub>, NH<sub>2</sub>, NH-R<sub>8</sub>, NR<sub>8</sub>R<sub>9</sub>, or C<sub>1</sub>-C<sub>5</sub>alkyl or C<sub>2</sub>-C<sub>5</sub>alkenyl each unsubstituted or substituted by one or more, where applicable identical or different, radicals R<sub>6</sub>, or phenyl unsubstituted or substituted by one or more, where applicable identical or different, radicals R<sub>7</sub>;

 $R_5$  is hydrogen or forms a 5- or 6-membered ring with  $R_1$  or  $R_2$ ;

 $R_6$  is halogen, hydroxy, O-R<sub>11</sub>, oxo, NH<sub>2</sub>, NH-R<sub>11</sub> or NR<sub>11</sub>R<sub>12</sub>; and

 $R_7$  is halogen, nitro, cyano, O-R<sub>8</sub>, NH-R<sub>8</sub>, NR<sub>8</sub>R<sub>9</sub>, CHO, CHOR<sub>8</sub>OR<sub>10</sub>, COR<sub>9</sub>, CONR<sub>8</sub>R<sub>9</sub>, SO<sub>2</sub>R<sub>8</sub>, COOR<sub>8</sub>, or C<sub>1</sub>-C<sub>5</sub>alkyl or C<sub>1</sub>-C<sub>5</sub>alkoxy each unsubstituted or substituted by one or more, where applicable identical or different, radicals R<sub>6</sub>.

- 4. (currently amended) An optical recording medium according to claim 1, <del>2 or 3, wherein the compound of formula (I) contains branched C<sub>3</sub>-C<sub>12</sub>alkyl or branched C<sub>3</sub>-C<sub>12</sub>alkenyl.</del>
- 5. **(currently amended)** An optical recording medium according to claim 1, <del>2, 3 or 4, wherein the recording layer is substantially amorphous.</del>
- 6. **(currently amended)** An optical recording medium according to claim 1, <del>2, 3, 4 or 5,</del> additionally comprising a covering layer, wherein substrate, reflector layer, recording layer and covering layer are arranged in that order.
- 7. **(currently amended)** An optical recording medium according to claim 1, <del>2, 3, 4, 5 or 6, which in addition to comprising a compound of formula (I) comprises a metal-free chromophore.</del>
- 8. **(currently amended)** An optical recording medium according to claim 1, <del>2, 3, 4, 5, 6 or 7, wherein the compound of formula (I) according to claim 1-is substantially amorphous.</del>
- 9. (currently amended) A method of producing an optical recording medium according to claim 1, 2, 3, 4, 5, 6, 7 or 8, wherein a solution of a compound of formula (I) according to claim 1 is applied by spin-coating to a grooved substrate.

- 10. **(currently amended)** A method of recording or playing back data, wherein the data on an optical recording medium according to claim 1, <del>2, 3, 4, 5, 6, 7 or 8</del> are recorded or played back at a wavelength of from 350 to 500 nm.
- 11. (new) An optical recording medium according to claim 2, wherein M<sub>1</sub> is Ti, Zr or Hf.
- 12. (new) An optical recording medium according to claim 11, wherein M₁ is Zr.
- 13. (new) An optical recording medium according to claim 3, wherein M<sub>1</sub> is Ti, Zr or Hf.
- 14. (new) An optical recording medium according to claim 13, wherein M<sub>1</sub> is Zr.